Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Bill Type::1st & Final Bill

Date.....2023

Zone:BBMP, Yelahanka | Division:BBMP, Byatarayanapura | Sub-Division: Vidyaranyapura

Bill Received No. | Dated | Divisional | Cash Book Voucher No.....Dated.....

Sub-Divisional

Schedule Docket No. | Head of Account: P1802, Water Supply New areas | Est.Cost: Rs. 35.00 Lakhs | Job Code: 011-20-000123 | INDENT NO.: 41737

Name of Work : Drilling of Bore well and Providing Pipeline in Ward No.11 (Kuvempunagara), Vidyaranyapura Sub Division.

Name of Contractor and Full Address: Sri. B. Chandrashekar, No. 28, Anjaneyaswamy Layout, 1st Main, Thindlu, Vidyaranyapura (Post), Bengalruru - 560097.

Reference to Agreement No. BBMP/EE/BTP/WO/27/2020-21 Date: 23-06-2020

Certified that the measurements were taken by me on: 11/09/23 and recorded of Pages 4961-71 to 4961-81 of measurement Book No. 4962/2018-19 and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 11/09/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer 11/09/23

1) Total value of work done or supplies made as per account within

2) Deduct amount to be held in reserve being.....Percent Rs.....

3) " Balance

4) Deduct Payment:

First & Final

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BA -	3151650=00
FSD -	80000=00
IT -	26452=00
CGST -	26452=00
SGST -	26452=00
LC -	26452=00
CBC -	2646=00
L.R -	1500=00
PDC -	5000=00
T.D -	194954=00
Total Amount Adjusted -	2956696=00

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account.....P-1802.....

Bill Passed for Rs.....3151650=00.....

Statutory Deductions Rs.....194954=00.....By Adjustment

Net Amount Paid Rs.....2956696=00.....By NEFT/RTGS

C/W 14/9/23

Account Superintendent
Byatarayanapura Division, BBMP

14/9/23

Executive Engineer
Byatarayanapura Division
BBMP

Sl. No.		Unit
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction	Each BW
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,)	Rmtr
3	50 to 100 m	
4	100 to 150 m	
5	150 to 200 m	
6	200 to 250 m	
7	250 to 300 m	
8	300 to 350 m	
9	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty	Rmtr
10	Providing 250mm dia PVC Pipe 6kg/cm	Rmtr
11	Providing and fixing Borewell Cap & Clamp Set	Set
12	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps	No
13	GI Pipe 50 mm'B' class	m
14	Heavy Duty Collar 50 mm dia	Nos
15	Providing non-return valve 50 mm	Nos
16	Providing Gate Valve 50 mm	Nos
17	Supplying and Fixing Out Door Panel up to 15 HP	No.
18	Submersible Cable 1x3x6.0 Sq.mm	M
19	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)	Per Length
20	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.,	Each
21	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975GROUP-A **4 core 16 Sqmm**	Mtr
22	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. **(6Sqmm to 16 Sqmm)**	Mtr
23	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.	Mtr
24	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.	Mtr
25	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	4.00	3428.88	13716.00	4.00	13716.00	
-	-	200.00	315.77	63154.00	200.00	63154.00	
-	-	200.00	402.22	80444.00	200.00	80444.00	
-	-	200.00	414.96	82992.00	200.00	82992.00	
-	-	200.00	487.76	97552.00	200.00	97552.00	
-	-	200.00	576.94	115388.00	200.00	115388.00	
		200.00	637.00	127400.00	200.00	127400.00	
		200.00	750.75	150150.00	200.00	150150.00	
		320.00	1255.80	401856.00	320.00	401856.00	
		72.00	1001.00	72072.00	72.00	72072.00	
		4.00	1638.00	6552.00	4.00	6552.00	
		3.00	57783.18	173350.00	3.00	173350.00	
		1050.00	377.65	396533.00	1050.00	396533.00	
		177.00	163.80	28993.00	177.00	28993.00	
		3.00	1638.00	4914.00	3.00	4914.00	
		54.00	1638.00	88452.00	54.00	88452.00	
		3.00	14105.00	42315.00	3.00	42315.00	
		1920.00	131.04	251597.00	1920.00	251597.00	
		162.00	80.08	12973.00	162.00	12973.00	
		3.00	265.72	797.00	3.00	797.00	
		105.00	136.50	14333.00	105.00	14333.00	
		105.00	10.81	1135.00	105.00	1135.00	
		90.00	69.16	6224.00	90.00	6224.00	
		12.00	304.85	3658.00	12.00	3658.00	
		3.00	245.70	737.00	3.00	737.00	

Sl. No.		Unit
26	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No
27	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No.
28	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **6-32Amps TPN**	No
29	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm
30	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means - Ordinary soil	Cum
	Qty Above 125%	
31	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc.,	Rmtr
	Qty Above 125%	
32	Filling the foundations KSRRB 2100-6. Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications.	cum
	Qty Above 125%	
33	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs	Cum
	Qty Above 125%	
	EIRL	
E1	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum
E2	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	cum
E3	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	cum
E4	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.	sqm
E5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate	cum

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		3.00	2729.73	8189.00	3.00	8189.00	
		18.00	158.34	2850.00	18.00	2850.00	
		3.00	1560.65	4682.00	3.00	4682.00	
		70200.00	0.32	22464.00	70200.00	22464.00	
		121.50	238.42	28968.00	121.50	28968.00	
		69.30	194.22	13459.00	69.30	13459.00	
		337.50	188.37	63575.00	337.50	63575.00	
		192.50	191.12	36791.00	192.50	36791.00	
		40.05	2931.42	117403.00	40.05	117403.00	
		23.55	2179.42	51325.00	23.55	51325.00	
		81.45	93.73	7634.00	81.45	7634.00	
		20.31	93.74	1904.00	20.31	1904.00	
		7.26	282.75	2053.00	7.26	2053.00	
		0.73	5560.16	4059.00	0.73	4059.00	
		3.06	5428.02	16610.00	3.06	16610.00	
		4.80	238.26	1144.00	4.80	1144.00	
		0.45	5734.36	2580.00	0.45	2580.00	

Sl. No.		Unit
E6	Providing **precast slab of 230mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge - Data rate	Sqm
	Sub Total	
	GST @ 18%	
	BESCOM Deposit	
	Grand Total	

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		4.84	4584.17	22187.00	4.84	22187.00	
				2645164.00		**2645164.00**	
				476130.00		**476130.00**	
		2.00	15178.00	**30356.00**		**30356.00**	
				3151650.00		**3151650.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97